

Notice of Allowability

Application No.

10/041,613

Applicant(s)

CHO ET AL

Examiner

Nguyen N Hanh

Art Unit

2834

AL

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendments filed on 5/18/04.
2. ☒ The allowed claim(s) is/are 12,13,15-28 and 37-43.
3. ☒ The drawings filed on 10 November 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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DETAILED ACTION

Remarks

1. In view of indicated allowable subject matter in previous office action, the cancellation of claims 29-35 has put all the remaining claims in a condition for allowance.

Allowable Subject Matter

2. Claims 12,13,15-28 and 37-43 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 12, the prior art of record does not show a skeleton type brushless motor comprising: a rotor having a shaft in a center thereof; a first stator core including a first semicircular inner profile, a second stator core including a second semicircular inner profile wherein said second semicircular inner profile faces to said first semicircular inner profile and a first separation space exists between said first stator core and said second stator core, and a second separation space exists between said first stator core and said second stator core at an opposite side; wherein outer profiles of said first stator core and the second stator core near the first separation space or the second separation space, protrude outwardly away from said rotational shaft as said outer profiles progress toward the end of the first stator core or the second stator core.

Regarding claim 37, the prior art of record does not show a skeleton type brushless motor comprising a rotor having a shaft in a center thereof; a first stator core having a first rotor receiving part, a second stator core having a second rotor receiving

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part; first and second gaps formed between the first and second stator core respectively; a pair of shaft support parts rotatably supporting the rotational shaft on both sides of the stator cores; and a pair of nonconductive separation members, said separation members being inserted between and contacting the stator cores and respective ones of the shaft support parts and receiving a part of the rotor protruded from the stator cores.

Conclusion

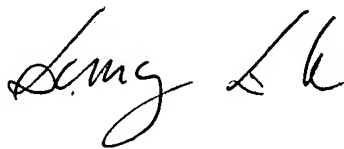
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh N Nguyen whose telephone number is (571) 272-2031. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberger, can be reached on (571) 272-2044. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

HNN

May 22, 2004

**DANG LE
PRIMARY EXAMINER**